BRUHAT BANGALORE MAHANAGARA PALIKE

BYATARAYANAPURA DIVISION

DETAILED MEASURMENT BOOK

WARD NO :- 08

5th PART BILL

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 007-16-000035,007-16-000036,007-16-000037,007-16-000038,007-16-000039,007-16-000040,008-16-000033,008-16-000034,008-16-000035, 26621

Name of Agency :- M/s.Ram and Company

Bill No :5th and Part Bill

Measurements recorded on

Name Of work : - Comprehensive Development for Roads and Drains In Ward No. 7 And 8 Under CMC & TMC Grants, Kodigehalli Sub-Division, Yelahanka Zone, Byatarayanapura Division.

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
1 (4)	KSRRB M300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. MORTH / Chapter 3 (P.No.142, I.No.19.1 of PW, P&IWTD SR 2016-17)										
	4th Cross										
	LHS										
	0.00	10.00	L/S	1	10.00			0.95	0.88	8.36	
	10.00	20.00	L/S	1	10.00			0.95	0.85	8.08	
	20.00	30.00	L/S	1	10.00			0.95	0.85	8.08	
	30.00	37.00	L/S	1	7.00			0.95	0.85	5.65	
	RHS										
	0.00	10.00	R/S	1	10.00			0.95	0.85	8.08	
	10.00	20.00	R/S	1	10.00			0.95	0.90	8.55	
	20.00	30.00	R/S	1	10.00			0.95	0.85	8.08	
	30.00	40.00	R/S	1	10.00			0.95	0.85	8.08	
	40.00	48.00	R/S	1	8.00			0.95	0.85	6.46	
	Opposite to 4th Cross										
	LHS										
	0.00	9.00	L/S	1	9.00			1.10	0.85	8.42	
	9.00	13.00	L/S	1	4.00			1.10	0.90	3.96	
	13.00	28.00	L/S	1	15.00			1.10	0.95	15.68	
	28.00	45.00	L/S	1	17.00			1.10	0.95	17.77	
								Total Quantity		**115.21**	**Cu-m**

KETTS CONSULTANTS
Consultant

M/s. RAM & COMPANY

Assistant Engineer 25/10/18

Assistant Executive Engineer 30/10

Assistant Executive Engineer
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P
Bangalore.

Name Of work : - Comprehensive Development for Roads and Drains In Ward No. 7 And 8 Under CMC & TMC Grants, Kodigehalli Sub-Division, Yelahanka Zone, Byatarayanapura Division.

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
5	KSRB 4-1.2: Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No.4.2 of PW,P&IWTD S.R 2016-17)										
	4th Cross										
	LHS										
	0.00	10.00	L/S	1	10.00			0.75	0.15	1.13	
	10.00	20.00	L/S	1	10.00			0.75	0.15	1.13	
	20.00	30.00	L/S	1	10.00			0.75	0.15	1.13	
	30.00	37.00	L/S	1	7.00			0.75	0.15	0.79	
	RHS										
	0.00	10.00	R/S	1	10.00			0.75	0.15	1.13	
	10.00	20.00	R/S	1	10.00			0.75	0.15	1.13	
	20.00	30.00	R/S	1	10.00			0.75	0.15	1.13	
	30.00	40.00	R/S	1	10.00			0.75	0.15	1.13	
	40.00	48.00	R/S	1	8.00			0.75	0.15	0.90	
	Opposite to 4th Cross										
	LHS										
	0.00	9.00	L/S	1	9.00			0.90	0.15	1.22	
	9.00	13.00	L/S	1	4.00			0.90	0.15	0.54	
	13.00	28.00	L/S	1	15.00			0.90	0.15	2.03	
	28.00	45.00	L/S	1	17.00			0.90	0.15	2.30	
	B/W Road and Drain										
				1	40.00			0.30	0.30	3.60	
				1	35.00			0.30	0.30	3.15	
	Road Cut Portion										
				2	61.00			0.90	0.15	16.47	Both S
	Patch										
				10	2.50			1.50	0.15	5.63	
								Total Quantity		**44.48**	**Cu-m**

Consultant

Assistant Engineer 5/11/18

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

Name Of work : - Comprehensive Development for Roads and Drains In Ward No. 7 And 8 Under CMC & TMC Grants, Kodigehalli Sub-Division, Yelahanka Zone, Byatarayanapura Division.										
BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
13 (10)	KSRB - 4.9.2: Providing TMT steel Fe500 reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3. with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work									
	Side Wall									
	4th Cross									
	LHS									
	Main U-Bars									
	10mm Dia Bars	1	370	1.89			0.617		431.67	
	Distribution Bars									
	8mm Dia Bars	1	13.00	37.00			0.395		190.02	
	RHS									
	Main U-Bars									
	10mm Dia Bars	1	436	1.92			0.617		516.74	
	Distribution Bars									
	8mm Dia Bars	1	13.00	48.00			0.395		246.52	
	Opposite to 4th Cross									
	LHS									
	Main U-Bars									
	10mm Dia Bars	1	373	1.89			0.617		435.17	
	Distribution Bars									
	8mm Dia Bars	1	13.00	41.00			0.395		210.57	
							Total Quantity		**2030.69**	**Kg**
									2.03	**Ton**

M.S. RAM & COMPANY

M/S CONSULTANTS

Consultant

Assistant Engineer

12/11/18

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P.
Bangalore.

Name Of work : - Comprehensive Development for Roads and Drains In Ward No. 7 And 8 Under CMC & TMC Grants, Kodigehalli Sub-Division, Yelahanka Zone, Byatarayanapura Division.										
BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
12/6	Providing laying plain/ reinforced cement concrete M20 Grade for Box Drain walls of thickness 10cm to 20cm including centering shuttering for work etc. complete as per approved drawing and design MORTH specification No. 1500, 1700, 2200. (P.No.265, I.No.37.59.2 of PW, P&IWTD SR 2016-17										
	Raft										
	4th Cross										
	LHS										
	0.00	10.00	L/S	1	10.00			0.75	0.15	1.13	
	10.00	20.00	L/S	1	10.00			0.75	0.15	1.13	
	20.00	30.00	L/S	1	10.00			0.75	0.15	1.13	
	30.00	37.00	L/S	1	7.00			0.75	0.15	0.79	
	RHS										
	0.00	10.00	R/S	1	10.00			0.75	0.15	1.13	
	10.00	20.00	R/S	1	10.00			0.75	0.15	1.13	
	20.00	30.00	R/S	1	10.00			0.75	0.15	1.13	
	30.00	40.00	R/S	1	10.00			0.75	0.15	1.13	
	40.00	48.00	R/S	1	8.00			0.75	0.15	0.90	
	Opposite to 4th Cross										
	LHS										
	0.00	9.00	L/S	1	9.00			0.90	0.15	1.22	
	9.00	13.00	L/S	1	4.00			0.90	0.15	0.54	
	13.00	28.00	L/S	1	15.00			0.90	0.15	2.03	
	28.00	45.00	L/S	1	17.00			0.90	0.15	2.30	
	Side Wall										
	4th Cross										
	LHS										
	0.00	10.00	L/S	2	10.00			0.15	0.63	1.89	
	10.00	20.00	L/S	2	10.00			0.15	0.60	1.80	
	20.00	30.00	L/S	2	10.00			0.15	0.60	1.80	
	30.00	37.00	L/S	2	7.00			0.15	0.60	1.26	
	RHS										
	0.00	10.00	R/S	2	10.00			0.15	0.60	1.80	
	10.00	20.00	R/S	2	10.00			0.15	0.65	1.95	
	20.00	30.00	R/S	2	10.00			0.15	0.60	1.80	
	30.00	40.00	R/S	2	10.00			0.15	0.60	1.80	
	40.00	48.00	R/S	2	8.00			0.15	0.60	1.44	
	Opposite to 4th Cross										
	LHS										
	0.00	9.00	L/S	2	9.00			0.15	0.60	1.62	
	9.00	13.00	L/S	2	4.00			0.15	0.65	0.78	

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engine
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P
Bangalore

Name Of work : - Comprehensive Development for Roads and Drains In Ward No. 7 And 8 Under CMC & TMC Grants, Kodigehalli Sub-Division, Yelahanka Zone, Byatarayanapura Division.											
BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Chainage										
	13.00	28.00	L/S	2	15.00			0.15	0.70	3.15	
	28.00	45.00	L/S	2	17.00			0.15	0.70	3.57	
								Total Quantity		40.30	Cu-m

M/s. RAM & CO

Consultant

Assistant Engineer 15/11/18

Assistant Executive Engineer

Assistant Executive Engine
Kodigehalli Sub Divisio
Yelahanka Zone, B.B.M.P
Bangalore.

Name Of work : - Comprehensive Development for Roads and Drains In Ward No. 7 And 8 Under CMC & TMC Grants, Kodigehalli Sub-Division, Yelahanka Zone, Byatarayanapura Division.											
BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
11 (17)	Providing and laying cement concrete using 20mm and downsize granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for RCC works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, with all lead and lifts etc., complete (exclusive of cpost of steel and fabricaton charges) Ready Mixed Cement Concrete M 20 for Raft foundation, Column, Footing, main and secondary beams. with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work										
	4th Cross										
	LHS										
	0.00	10.00	L/S	1	10.00			0.30	0.075	0.23	
	10.00	20.00	L/S	1	10.00			0.30	0.075	0.23	
	20.00	30.00	L/S	1	10.00			0.30	0.075	0.23	
	30.00	37.00	L/S	1	7.00			0.30	0.075	0.16	
	RHS										
	0.00	10.00	R/S	1	10.00			0.30	0.075	0.23	
	10.00	20.00	R/S	1	10.00			0.30	0.075	0.23	
	20.00	30.00	R/S	1	10.00			0.30	0.075	0.23	
	30.00	40.00	R/S	1	10.00			0.30	0.075	0.23	
	40.00	48.00	R/S	1	8.00			0.30	0.075	0.18	
	Opposite to 4th Cross										
	LHS										
	0.00	9.00	L/S	1	9.00			0.30	0.075	0.20	
	9.00	13.00	L/S	1	4.00			0.30	0.075	0.09	
	13.00	28.00	L/S	1	15.00			0.30	0.075	0.34	
	28.00	45.00	L/S	1	17.00			0.30	0.075	0.38	
	Road Cut Portion										
				2	61.00			0.90	0.10	10.98	**Both S**
	Patch										
				10	2.50			1.50	0.10	3.75	
								Total Quantity		**17.66**	**Cu-m**

M/s. RAM & CO

Consultant

Assistant Engineer
3/12/18

Assistant Executive Engineer
11/12
Kodigehalli
Yelahanka Zone
Bangalore.

Name Of work : - Comprehensive Development for Roads and Drains In Ward No. 7 And 8 Under CMC & TMC Grants, Kodigehalli Sub-Division, Yelahanka Zone, Byatarayanapura Division.

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
26 (28)	KSRRB 500-2: Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatement including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Spec, Chapter 5 (P.No.161, I.No.21.2 of PW,P&IWTD SR 2016-17)										
	Kodigehalli Main Road From Ganesha Temple to Circle										
	0.00	10.00		1	10.00	10.50	6.20	8.35		83.50	
	10.00	20.00		1	10.00	6.50	5.30	5.90		59.00	
	20.00	30.00		1	10.00	5.50	4.50	5.00		50.00	
	30.00	40.00		1	10.00	4.50	4.20	4.35		43.50	
	40.00	50.00		1	10.00	4.50	3.30	3.90		39.00	
	50.00	60.00		1	10.00	4.00	3.50	3.75		37.50	
	60.00	70.00		1	10.00	4.00	4.80	4.40		44.00	
	70.00	80.00		1	10.00	5.00	5.80	5.40		54.00	
	80.00	90.00		1	10.00	6.00	6.80	6.40		64.00	
	90.00	100.00		1	10.00	7.00	5.90	6.45		64.50	
	100.00	110.00		1	10.00	6.00	6.00	6.00		60.00	
	110.00	120.00		1	10.00	6.00	5.30	5.65		56.50	
	120.00	130.00		1	10.00	5.50	4.30	4.90		49.00	
	130.00	140.00		1	10.00	4.50	5.00	4.75		47.50	
	140.00	150.00		1	10.00	5.00	5.50	5.25		52.50	
	150.00	160.00		1	10.00	5.50	5.20	5.35		53.50	
	160.00	170.00		1	10.00	5.50	4.70	5.10		51.00	
	170.00	180.00		1	10.00	4.70	5.60	5.15		51.50	
	180.00	190.00		1	10.00	5.60	5.60	5.60		56.00	
	190.00	200.00		1	10.00	5.60	6.00	5.80		58.00	
	200.00	210.00		1	10.00	6.00	6.00	6.00		60.00	
	210.00	220.00		1	10.00	6.00	6.30	6.15		61.50	
	220.00	230.00		1	10.00	6.50	6.20	6.35		63.50	
	230.00	240.00		1	10.00	6.50	8.40	7.45		74.50	
	240.00	255.00		1	15.00	8.50	11.00	9.75		146.25	
	Kodigehalli Main Road From Ganesha Temple to Circle										
	Patch Work Before Asphalting										
				4	0.90			0.60		2.16	
				5	1.50			1.00		7.50	
	2nd Main Road C BlockSahakaranagar										
	0.00	10.00		1	10.00			6.50		65.00	
	10.00	20.00		1	10.00			6.50		65.00	
	20.00	30.00		1	10.00			6.50		65.00	
	30.00	40.00		1	10.00			6.50		65.00	

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Name Of work : - Comprehensive Development for Roads and Drains In Ward No. 7 And 8 Under CMC & TMC Grants, Kodigehalli Sub-Division, Yelahanka Zone, Byatarayanapura Division.											
BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Patch Work										
				5	3.00			4.00	0.04	2.40	
				4	4.00			5.00	0.04	3.20	
				6	3.60			5.00	0.04	4.32	
								Total Quantity		1749.91	Sq-m

M/s. RAM & COMPANY

Consultant

Assistant Engineer 20/12/18

Assistant Executive Engineer 11/12

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Name Of work : - Comprehensive Development for Roads and Drains In Ward No. 7 And 8 Under CMC & TMC Grants, Kodigehalli Sub-Division, Yelahanka Zone, Byatarayanapura Division.

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
27 (29)	KSRRB M500-7 : Providing and applying tack coat using 80/100 grade bitumen (VG10) on prepared black topped surfaces at 2.5 Kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.MORTH / Chapter 5 (P.No.161 I.No.21.7 of PW,P&IWTD SR of 2016-17)										
	Kodigehalli Main Road From Ganesha Temple to Circle										
	0.00	10.00		1	10.00	10.50	6.20	8.35		83.50	
	10.00	20.00		1	10.00	6.50	5.30	5.90		59.00	
	20.00	30.00		1	10.00	5.50	4.50	5.00		50.00	
	30.00	40.00		1	10.00	4.50	4.20	4.35		43.50	
	40.00	50.00		1	10.00	4.50	3.30	3.90		39.00	
	50.00	60.00		1	10.00	4.00	3.50	3.75		37.50	
	60.00	70.00		1	10.00	4.00	4.80	4.40		44.00	
	70.00	80.00		1	10.00	5.00	5.80	5.40		54.00	
	80.00	90.00		1	10.00	6.00	6.80	6.40		64.00	
	90.00	100.00		1	10.00	7.00	5.90	6.45		64.50	
	100.00	110.00		1	10.00	6.00	6.00	6.00		60.00	
	110.00	120.00		1	10.00	6.00	5.30	5.65		56.50	
	120.00	130.00		1	10.00	5.50	4.30	4.90		49.00	
	130.00	140.00		1	10.00	4.50	5.00	4.75		47.50	
	140.00	150.00		1	10.00	5.00	5.50	5.25		52.50	
	150.00	160.00		1	10.00	5.50	5.20	5.35		53.50	
	160.00	170.00		1	10.00	5.50	4.70	5.10		51.00	
	170.00	180.00		1	10.00	4.70	5.60	5.15		51.50	
	180.00	190.00		1	10.00	5.60	5.60	5.60		56.00	
	190.00	200.00		1	10.00	5.60	6.00	5.80		58.00	
	200.00	210.00		1	10.00	6.00	6.00	6.00		60.00	
	210.00	220.00		1	10.00	6.00	6.30	6.15		61.50	
	220.00	230.00		1	10.00	6.50	6.20	6.35		63.50	
	230.00	240.00		1	10.00	6.50	8.40	7.45		74.50	
	240.00	255.00		1	15.00	8.50	11.00	9.75		146.25	
	Kodigehalli Main Road From Ganesha Temple to Circle										
	Patch Work Before Asphalting										
				4	0.90			0.60		2.16	
				5	1.50			1.00		7.50	
	2nd Main Road C BlockSahakaranagar										
	0.00	10.00		1	10.00			6.50		65.00	
	10.00	20.00		1	10.00			6.50		65.00	

Consultant

Assistant Engineer

Assistant Executive Engineer
Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone,
Bangalore

Name Of work : - Comprehensive Development for Roads and Drains In Ward No. 7 And 8 Under CMC & TMC Grants, Kodigehalli Sub-Division, Yelahanka Zone, Byatarayanapura Division.											
BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Chainage										
	20.00	30.00		1	10.00			6.50		65.00	
	30.00	40.00		1	10.00			6.50		65.00	
	Patch Work										
				5	3.00			4.00	0.04	2.40	
				4	4.00			5.00	0.04	3.20	
				6	3.60			5.00	0.04	4.32	
								Total Quantity		1749.91	Sq-m

M/s. RAM & CO

Consultant

Assistant Engineer 11/12/18

Assistant Executive Engineer 11/12

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

Name Of work : - Comprehensive Development for Roads and Drains In Ward No. 7 And 8 Under CMC & TMC Grants, Kodigehalli Sub-Division, Yelahanka Zone, Byatarayanapura Division.

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
29 30	KSRRB M500-19. Providing and laying bituminous concrete 30-40 mm compacted thickness with VG30 Bitumen grade using 40-60 HMP using crushed aggregates of grading II, premixed with bituminous binder at 5.4% of mix and filler, transporting the hot mix to work site, laying with a mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRT&H specification clause No. 500.9 complete in all respects as per specifications. MORTH Specification No. 509 (P.No.165 of I.No.21.22.6 in PW,P&IWTD S.R 2016-17)										
	Kodigehalli Main Road From Ganesha Temple to Circle										
	0.00	10.00		1	10.00	10.50	6.20	8.35	0.04	3.34	
	10.00	20.00		1	10.00	6.50	5.30	5.90	0.04	2.36	
	20.00	30.00		1	10.00	5.50	4.50	5.00	0.04	2.00	
	30.00	40.00		1	10.00	4.50	4.20	4.35	0.04	1.74	
	40.00	50.00		1	10.00	4.50	3.30	3.90	0.04	1.56	
	50.00	60.00		1	10.00	4.00	3.50	3.75	0.04	1.50	
	60.00	70.00		1	10.00	4.00	4.80	4.40	0.04	1.76	
	70.00	80.00		1	10.00	5.00	5.80	5.40	0.04	2.16	
	80.00	90.00		1	10.00	6.00	6.80	6.40	0.04	2.56	
	90.00	100.00		1	10.00	7.00	5.90	6.45	0.04	2.58	
	100.00	110.00		1	10.00	6.00	6.00	6.00	0.04	2.40	
	110.00	120.00		1	10.00	6.00	5.30	5.65	0.04	2.26	
	120.00	130.00		1	10.00	5.50	4.30	4.90	0.04	1.96	
	130.00	140.00		1	10.00	4.50	5.00	4.75	0.04	1.90	
	140.00	150.00		1	10.00	5.00	5.50	5.25	0.04	2.10	
	150.00	160.00		1	10.00	5.50	5.20	5.35	0.04	2.14	
	160.00	170.00		1	10.00	5.50	4.70	5.10	0.04	2.04	
	170.00	180.00		1	10.00	4.70	5.60	5.15	0.04	2.06	
	180.00	190.00		1	10.00	5.60	5.60	5.60	0.04	2.24	
	190.00	200.00		1	10.00	5.60	6.00	5.80	0.04	2.32	
	200.00	210.00		1	10.00	6.00	6.00	6.00	0.04	2.40	
	210.00	220.00		1	10.00	6.00	6.30	6.15	0.04	2.46	
	220.00	230.00		1	10.00	6.50	6.20	6.35	0.04	2.54	
	230.00	240.00		1	10.00	6.50	8.40	7.45	0.04	2.98	
	240.00	260.00		1	20.00	8.50	11.00	9.75	0.04	7.80	
	Kodigehalli Main Road From Ganesha Temple to Circle										
	Patch Work Before Asphalting										
				4	0.9			0.6	0.04	0.09	
				5	1.5			1	0.04	0.30	
	Humps in Sahakaranagar										

Consultant

Assistant Engineer 11/12/18

Assistant Executive Engineer 11/12

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P
Bangalore.

Name Of work : - Comprehensive Development for Roads and Drains In Ward No. 7 And 8 Under CMC & TMC Grants, Kodigehalli Sub-Division, Yelahanka Zone, Byatarayanapura Division.											
BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
				8	7.00			0.90	0.15	7.56	
	2nd Main Road C BlockSahakaranagar										
	0.00	10.00		1	10.00			6.50	0.04	2.60	
	10.00	20.00		1	10.00			6.50	0.04	2.60	
	20.00	30.00		1	10.00			6.50	0.04	2.60	
	30.00	40.00		1	10.00			6.50	0.04	2.60	
	Patch Work										
				5	3.00			4.00	0.04	2.40	
				4	4.00			5.00	0.04	3.20	
				6	3.60			5.00	0.04	4.32	
								Total Quantity		89.43	Cu-m

Consultant

M/s. RAM & COMPANY

Assistant Engineer

11/12/18

Assistant Executive Engineer

Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Name Of work : - Comprehensive Development for Roads and Drains In Ward No. 7 And 8 Under CMC & TMC Grants, Kodigehalli Sub-Division, Yelahanka Zone, Byatarayanapura Division.										
BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
31	Providing and fixing RCC Precast cover slab of 250mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)									
	Missing Cover Slab									
				1	6.00				0.90	5.40
				1	7.00				0.90	6.30
				1	7.00				0.90	6.30
								Total Quantity		**18.00** S-qm

Consultant

Assistant Engineer
20/12/18

Assistant Executive Engineer
Assistant Executive En
Kodigehalli Sub Divi
Yelahanka Zone, B.B
Bangalore.

Name Of work : - Comprehensive Development for Roads and Drains In Ward No. 7 And 8 Under CMC & TMC Grants, Kodigehalli Sub-Division, Yelahanka Zone, Byatarayanapura Division.										
BOQ Item No	**Description** / **Chainage**	**Side**	**Nos**	**L**	**B1**	**B2**	**Avg width**	**Depth**	**Quantity**	**Remarks**
37 (32)	KSRRB M800-13. Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work									
	Kodigehalli Main Road From Ganesha Temple to Circle									
	Edge Line		2	260.00				0.10	52.00	
	Centre Line		1	130.00				0.10	13.00	
							Total Quantity		**65.00**	**S-qm**

Consultant

Assistant Engineer 20/12/18

Assistant Executive Engineer 21/1/19

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.